

Appl. No 10/751,227

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Reply to Office action of 04/04/2006

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**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

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**Listing of Claims:**

1. (Currently amended) A terminal crimping machine, comprising:  
a base body provided at a lower end thereof with a feeding platform  
for ~~placement of placing~~ terminal-chain thereon;

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a punching mechanism having an upper crimper and a driving piece,  
~~the upper crimper capable of moving longitudinally on the base body;~~  
an adjusting mechanism provided with a fixing block and an  
adjusting screw, the fixing block fixed [in] on the base body and the adjusting  
screw ~~movably coupled adjustably disposed~~ on the fixing block;

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an auto-feeder having a fixing base disposed on a front side of the  
base body, and a first driven piece and a second driven piece pieces disposed  
in the fixing base in an interlocking manner, wherein the second driven piece  
is driven by an elastic force of an elastic element to abut against the adjusting

screw of the adjusting mechanism, and the second driven piece is provided at an end thereof with a pushing block, the driving piece of the punching mechanism is employed to drive the first driven piece, so as to enable the second driven piece to push terminals on the base body;

5           by ~~the above mentioned arrangements~~, in crimping operation, by adjusting the adjusting screw of the adjusting mechanism, a distance between the pushing block of the second driven piece and the upper crimper can be adjusted to fit different sized terminals, ~~such that auto feeder is able enabling the auto feeder~~ to push the different sized terminals to a crimping position for  
10 crimping operation[.];

a protrusive block is provided on the feeding platform, an elastic block is formed on the protrusive block for enabling terminals to be conveyed smoothly;

15           the fixing base of the auto-feeder is provided with a first groove and a second groove in a lateral direction thereof, and a space is defined between the first and the second grooves, a recess is formed in a bottom of the first and the second grooves, respectively, for reception of the elastic element, the first and the second driven pieces are provided with protrusive bars at a side thereof, and the first and the second driven pieces are received in the first and the second grooves respectively in a manner that the protrusive bars abut against an end of the elastic element, a gear cluster is disposed in the space of the fixing base for meshing with the first and the second driven pieces, so that the first and the second driven pieces can move synchronously.

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2. (Cancelled)
3. (Cancelled)
4. (Cancelled)
5. (Currently amended) The terminal crimping machine as claimed in  
5 claim 1, wherein the pushing block is positioned in [the] a notch of the coupling portion by virtue of a screw rod, a torsion spring is mounted onto the screw rod in a manner that the torsion spring has a first end fastened to the coupling portion and a second end affixed to the pushing block